

INTERNATIONAL SEARCH REPORT

ational Application No

PCT/GB2004/000303

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06K19/073 G07F7/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06K G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 5 442 704 A (HOLTEY THOMAS O) 15 August 1995 (1995-08-15) column 2, line 57 -column 3, line 14 column 6, line 18 -column 6, line 34 column 8, line 46 -column 10, line 53 column 13, line 24 -column 14, line 23 ---	1-6,9 7,8, 10-12
X Y	US 4 985 921 A (SCHWARTZ HERMANN) 15 January 1991 (1991-01-15) the whole document ---	1-6,9 7,8
X Y	EP 0 856 818 A (MOTOROLA INC) 5 August 1998 (1998-08-05) column 2, line 39 -column 6, line 19 --- -/--	1-6,9 10-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

24 May 2004

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03/06/2004

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national Application No

PCT/GB2004/000303

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 480 935 B1 (HEMMO DAVID ET AL) 12 November 2002 (2002-11-12) column 4, line 7 -column 11, line 21 ----	1-6,9
A	DE 195 36 206 A (SAMSUNG ELECTRONICS CO LTD) 4 April 1996 (1996-04-04) column 2, line 31 -column 9, line 7 ----	1-12
A	US 4 930 129 A (TAKAHIRA KENICHI) 29 May 1990 (1990-05-29) column 2, line 55 -column 3, line 48 -----	1-12

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/000303

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5442704	A	15-08-1995	AT 210863 T CA 2158264 A1 CN 1122163 A , B DE 69524482 D1 DE 69524482 T2 DK 689701 T3 EP 0689701 A1 ES 2169120 T3 FI 954298 A WO 9519607 A1 JP 2002509624 T KR 232087 B1 NO 953615 A PT 689701 T SG 50590 A1	15-12-2001 20-07-1995 08-05-1996 24-01-2002 01-08-2002 11-03-2002 03-01-1996 01-07-2002 13-09-1995 20-07-1995 26-03-2002 01-12-1999 14-11-1995 28-06-2002 20-07-1998
US 4985921	A	15-01-1991	AT 123347 T DE 58909263 D1 EP 0337185 A2 ES 2072870 T3	15-06-1995 06-07-1995 18-10-1989 01-08-1995
EP 0856818	A	05-08-1998	GB 2321728 A CN 1195827 A EP 0856818 A2 JP 10222425 A TW 502166 B	05-08-1998 14-10-1998 05-08-1998 21-08-1998 11-09-2002
US 6480935	B1	12-11-2002	WO 0116759 A1 US 6390374 B1 US 6338435 B1 US 6256690 B1	08-03-2001 21-05-2002 15-01-2002 03-07-2001
DE 19536206	A	04-04-1996	DE 19536206 A1 FR 2726381 A1 JP 8115266 A	04-04-1996 03-05-1996 07-05-1996
US 4930129	A	29-05-1990	JP 2514954 B2 JP 63225886 A DE 3807997 A1 FR 2612316 A1	10-07-1996 20-09-1988 22-09-1988 16-09-1988